

Environmental Studies, Minor

Environmental Studies explores the complex links between human culture and the natural world. The program challenges students to critically examine both the ecological and social context of environmental issues and the numerous connections between natural and social systems, from local to global scales. It is undeniable that humans have a profound impact on the environment. To have the greatest positive influence, we must seek knowledge of the structure and function of natural systems, as well as an understanding of how culture affects the way we perceive nature.

Program Requirements

| Code | Title | Credit Hours |
|--|--|-------------------|
| Total Credit Hours | | 18 |
| Discipline Core Requirements | | 3 Credits |
| ENST 3000 | Introduction to Environmental Studies | 3 |
| Elective Requirements | | 15 Credits |
| Electives | | |
| Choose 6 credits from the following courses in the College of Humanities and Social Sciences or the Woodbury School of Business. | | 6 |
| ANTH 3150 | Culture Ecology and Health (3) | |
| ANTH 3830 | Biology and Culture (3) | |
| COMM 3115 | Communicating in Environments (3) | |
| COMM 3130 | The Culture of Nature and Technology (3) | |
| ENGL 3460 | Wilderness and Environmental Writing (3) | |
| HIST 3800 | Environmental History of the United States (3) | |
| PHIL 3530 | Environmental Ethics (3) | |
| PHIL 4300 | Environmental Aesthetics (3) | |
| or HUM 4300 | Environmental Aesthetics | |
| PHIL 3460 | The Ethics of Human/Animal Relationships (3) | |
| or SOC 3800 | Animals and Society | |
| ENST 3520 | Environmental Sociology (3) | |
| or SOC 3520 | Environmental Sociology | |
| ECON 3040 | Environmental Economics (3) | |
| Any other advisor approved courses | | |
| Choose 6 credits from the following courses in the College of Science. 3 of these credits must be at the 3000 or 4000 level. | | 6 |
| Biology | | |
| BIOL 1010 | General Biology BB (3) | |
| BIOL 1610 & BIOL 1615 | College Biology I BB and College Biology I Laboratory (5) | |
| BIOL 1620 & BIOL 1625 | College Biology II and College Biology II Laboratory (4) | |
| BIOL 2500 | Environmental Biology BB (3) | |
| BIOL 3700 | General Ecology (3) | |
| BIOL 3800 | Conservation Biology (3) | |
| ENVT 3280 | Environmental Law (3) | |
| BIOL 4000 | Freshwater Ecology (4) | |
| BIOL 4260 | Ethical Issues in Biology WE (2) | |
| Botany | | |
| BOT 2050 | Field Botany BB (3) | |
| BOT 2100 | Flora of Utah BB (3) | |
| BOT 3800 | Ethnobotany WE (4) | |
| BOT 4050 | Plant Ecology (3) | |
| BOT 4300 | Native Trees and Shrubs of Utah (3) | |
| BOT 4500 | Introduction to Grasses (3) | |

Chemistry

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| CHEM 1120 | Elementary Organic Bio-Chemistry (4) |
| CHEM 3020 | Environmental Chemistry (3) |
| CHEM 4030 | Radiochemistry (3) |

Environmental Management

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| ENVT 1110 | Introduction to Environmental Management PP (3) |
| ENVT 1270 | Environmental Microbiology (3) |
| ENVT 1510 | Hazardous Materials Emergency Response (3) |
| ENVT 2560 | Environmental Health (3) |
| ENVT 2730 | Introduction to Soils (4) |
| ENVT 3210 | Water Quality and Reclamation (4) |
| ENVT 3280 | Environmental Law (3) |
| ENVT 3330 | Water Resources Management (3) |
| ENVT 3630 | Introduction to Geographic Information Systems (4) |
| ENVT 3750 | Land Use Planning (3) |
| ENVT 3770 | Natural Resources Management (3) |
| ENVT 3800 | Energy Use on Earth GI (3) |

Geology

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|------------------------|---|
| GEO 1020 | (3) |
| GEO 1080 | Introduction to Oceanography PP (3) |
| GEO 1220 | Historical Geology (3) |
| GEO 3000 | Environmental Geochemistry (3) |
| GEO 3200 | Geologic Hazards (3) |
| GEO 3500 & GEO 3505 | Geomorphology WE and Geomorphology Lab (4) |
| GEO 4510 | Paleontology (4) |

Geography

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| GEOG 1000 | Introduction to Physical Geography PP (3) |
| GEOG 3400 | Environmental Remote Sensing (3) |
| GEOG 3600 | Introduction to Geographic Information Systems (4) |
| GEOG 3650 | Advanced Geographic Information Systems (4) |
| GEOG 3700 | Wetland Studies (3) |
| GEOG 3800 | Environmental History of the United States (3) |

Meteorology

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| METO 1010 | Introduction to Meteorology PP (3) |
| METO 3100 | Climate and the Earth System (3) |

Physics

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| PHYS 1800 | Energy You and the Environment PP (3) |
| PHYS 3800 | Energy Use on Earth GI (3) |

Outdoor Recreation

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| REC 2200 | Foundations of Recreation (3) |
| REC 2700 | Leave No Trace Trainer (1) |
| REC 385G | Ethical Concerns in Recreation GI (3) |
| REC 420R | Outdoor Leadership and Management Practicum (2) |
| REC 4400 | Natural Resource and Protected Area Management (3) |

Zoology

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| ZOOL 3100 & ZOOL 3105 | Vertebrate Zoology and Vertebrate Zoology Laboratory (4) |
| ZOOL 3200 & ZOOL 3205 | Invertebrate Zoology and Invertebrate Zoology Laboratory (4) |
| ZOOL 3300 & ZOOL 3305 | Herpetology and Herpetology Laboratory (4) |

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| ZOOL 3430 & ZOOL 3435 | Entomology and Entomology Laboratory (4) |
| ZOOL 3500 & ZOOL 3505 | Mammalogy and Mammalogy Laboratory (4) |
| ZOOL 4000 | Animal Behavior (3) |
| ZOOL 4600 | Ornithology (4) |

Choose an additional 3 credits from any of the courses listed above – OR – complete 3 hours of research credits, service project credits, or internship credits 3

Graduation Requirements

Graduation Plan

This graduation plan is a sample plan and is intended to be a guide. Your specific plan may differ based on your Math and English placement and/or transfer credits applied. You are encouraged to meet with an advisor and set up an individualized graduation plan in Wolverine Track (<http://www.uvu.edu/wolverinetrack/>).

First Year

| | | Credit Hours |
|---|---------------------------------------|--------------|
| Semester 1 | | |
| ENST 3000 | Introduction to Environmental Studies | 3 |
| Core Elective - Choose one elective from College of Science | | 3 |
| Credit Hours | | 6 |

Semester 2

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|---|--|----------|
| Core Elective - Choose one elective from the College of Humanities and Social Sciences or the Woodbury School of Business | | 3 |
| Core Elective - Choose one elective from the College of Science | | 3 |
| Credit Hours | | 6 |

Second Year

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| Semester 3 | | |
| Core Elective - Choose one elective from the College of Humanities and Social Sciences or the Woodbury School of Business | | 3 |
| Credit Hours | | 3 |

Semester 4

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| Core Elective - See list | | 3 |
| Credit Hours | | 3 |
| Total Credit Hours | | 18 |

Program Learning Outcomes